Manhole Inspection Summary M			anhole # S21W022MH		
Printed On: 7/15	5/2009			Page 1 of 4	
Inspection	☐ Is Incomplete	Rating: 3) Fair			
Record Plat: 21	1W Node: 022	Status: Found		Insp Date: 5/7/09 3:37 PM	
Incomplete Cor	nments			Crew: REI2	
				Inspector: paulfry	
				Firm: ATS	
Location	Address: 1903 MAIS	SEL ST		Cross Street: WASHINGTON BLVD	
Manhole	Type: <b>Junction</b>	Location: Other - See Comments		Ground Conditions: <b>Dry</b>	
	☐ Prev. Rehab	Weather: <b>Dry</b>	5	Subject To Ponding: <b>None</b>	
Comments	LOCATED ON ABA	NDONED ROAD			
Cover	Shape: Circular	Diameter: 24	(in.) Leng	th: 0 (in.) Dist A/B Grade: 0 (in.)	
	Type: <b>Sanitary</b>	Condition: Sour	nd	Cover Material: Cast Iron	
Properties:	☐ Bolted ☐ Vente	ed 🗌 Water Tight	☐ Water T	ight Insert	
Frame	Offset: 1.5 (in.)	Condition: 🗸 Sound	☐ Crac	ked Leaks	
Chimney / Frame Adjustment					
Condition:	ion: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ✓ Deteriorated				
Infiltration:	☐ None ✓ Joint	☐ Cracks ☐ Mortar	Roots	☐ Wall	
Corbel	Material: <b>Brick</b>	☐ Parge	ed Type:	: Concentric/Eccentric	
Condition:	✓ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated				
Infiltration:	✓ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall				
Barrel	Material: Brick	☐ Parge	ed		
Shape:	e: Circular Diameter: 48 (in.) Length: 0 (in.)				
Condition:	✓ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated				
Infiltration:	✓ None ☐ Joint	☐ Cracks ☐ Mort	ar 🗌 Ro	ots 🗌 Wall	
Bench	✓ Exists Material: E	Brick	☐ Parge	ed .	
Condition:	✓ Sound ☐ Cracke	ed Root Intrusion	☐ Deteri	orated Leaks Debris	
Channel	Material: Brick Parged				
Channel Exposure: <b>Fully Open</b> Junc Dist: <b>0</b> nearest .5 ft. Azimuth: <b>0</b>					
Condition:	✓ Sound ☐ Cracke	ed Root Intrusion	☐ Deteri	orated Leaks Debris	
Steps	Count: 7 Missing:	0			
Surcharge	<b>☑</b> Evidence Of Sure	charge Depth: 8 (	ft.)	ve Surcharge Present	

### **Manhole Inspection Summary**

### Manhole # S21W 022MH

Printed On: 7/15/2009 Page 2 of 4

**Location View** 



PAVEMENT MARKED

Defect 4



EVIDENCE OF SURCHARGE; CORRODED STEPS

Defect 2



INFILTRATION @ CHIMNEY/FRAME JOINT

Top View



Defect 3



DETERIORATED CHIMNEY BRICKS

Defect 1



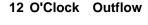
FRAME OFFSET

#### **Manhole Inspection Summary**

### Manhole # S21W 022MH

Printed On: 7/15/2009 Page 3 of 4

# 18 in. Circular Gravity Sewer Pipe Out @ 12 OClock





Pipe Height: 18 (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 14.00 (ft.) Flow Characteristics: Fast

Deposits: ✓ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

Drop: None

Connects To: Manhole

Possible Illicit Connection

#### 8 in. Circular Gravity Sewer Pipe In @ 3 OClock



Pipe Height: 8.4 (in.) Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 11.50 (ft.) Flow Characteristics: Slow

Deposits: ☐ None ☐ Mud ✓ Sludge ✓ Debris ☐ Grease

Silt Depth: **5** (in.) Deposits Extent: **Heavy**Infiltration: **None** Pipe Seal Cond: **Unknown** 

# 3 O'Clock Inflow Drop In @ 3 OClock



Drop: Outside Rod and Bar

Angled: **Yes** Reading: **12.85** (ft.)

Inv Depth: 13.85 (ft.)

**Drop Condition: Clogged** 

Connects To: **Manhole**Possible Illicit Connection

## **Manhole Inspection Summary**

### Manhole # S21W\_\_022MH

5 O'Clock Inflow

Printed On: 7/15/2009 Page 4 of 4

18 in. Circular Gravity Sewer Pipe In @ 5 OClock



Pipe Height: <b>18</b> (in.) Rod and Bar (Angled) Pipe Material: <b>Clay</b>	Drop: None
nvert Depth: 13.75 (ft.) Flow Characteristics: Fast	
Deposits: ☑ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease	
Silt Depth: <b>0</b> (in.) Deposits Extent:	Connects To: Manhole
nfiltration: Weeper Pipe Seal Cond: Sound	☐ Possible Illicit Connection